

Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-021

WORKING STANDARD USED						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Calibration Date:	Calibration Due:	Calibration By:
25746	ION	775	7626	6-18-07	6-18-08	JPL

AIR IONIZER INFORMATION						
Asset/ISO #:	Manufacturer:	Model:	Serial No. 43102	Verification Date:	Verification Due:	Verification By:
24713	ESD System	43102	0408008	3-7-08	6-6-08	JPL (3e)
Inspector:	Location:	Owner:	Fail: Y/N ?	Cleaned: Y/N ?	Adjusted: Y/N ?	Prior Sequence#
Minh Do	300/110F	Duc Vu	N	N	N	

VERIFICATION DATA					
HBM Sensitivity Level: <u>50 V</u> (from Table 1)					
Fan controller setting: <u>High</u> (High, Low, NA)					
Distance of ionizer from the charge plate: <u>30"</u>					
Ionizer Float Potential Tolerance \pm <u>50</u> Vdc. (from Table 1)					
Measured Float Potential values recorded below.					
1 0 Vdc.	2 0 Vdc.	3 0 Vdc.	4 0 Vdc.	5 0 Vdc.	Comments:
Ionizer Discharge Voltage Range: \pm 1000 Vdc to $< \pm$ <u>50</u> Vdc (from Table 1)					
Ionizer Discharge Time Tolerance: <u>520</u> seconds. (from Table 1)					
Measured Discharge Time in second(s) and recorded values below.					
1 (+1000 to +Vdc) 3.1 sec	2 (+1000 to +Vdc) 3.1 sec	3 (+1000 to +Vdc) 3.1 sec	4 (+1000 to +Vdc) 3.1 sec	5 (+1000 to +Vdc) 3.2 sec	Comments:
1 (-1000 to -Vdc) 4.3 sec	2 (-1000 to -Vdc) 4.3 sec	3 (-1000 to -Vdc) 4.3 sec	4 (-1000 to -Vdc) 4.3 sec	5 (-1000 to -Vdc) 4.2 sec	Comments:

Record any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: _____ Manufacturer: _____ Model: _____ Serial No.: _____

Sequence number for verification of replacement Ionizer: _____

Record inspection schedule and rational for that schedule.